

WHAT IS CLAIMED IS:

1. A method of coding special effect data comprising the steps of coding a mask pattern for the special effect and a motion pattern of warping any reconstructed image, and compositing said coded data into unified data.
2. A method of coding special effect data according to Claim 1, wherein said unified composite data further include the coded information (warping image information) indicating the type of the image to be warped based on the motion pattern.
3. A method of coding special effect data according to Claim 1, wherein the applicable range of said motion pattern is a whole area of the image.
4. A method of coding special effect data according to Claim 1, wherein the applicable range of said motion pattern is a local area of the image, and said motion pattern is consist of a plurality of motion parameters.
5. A method of coding special effect data according to Claim 1, wherein said motion pattern includes information indicating the image size and display position after warping.
6. A method of coding special effect data according to Claim 1, wherein a plurality of said motion patterns are included in each frame data.
7. A method of coding special effect data according to Claim 1, wherein said mask pattern is

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consist of binary data and the level of transparency.

8. A method of coding special effect data according to Claim 1, wherein said mask pattern is the gray scale data.

9. A method of displaying the special effect image comprising the steps of decoding the coded data including a mask pattern and a motion pattern, and performing the arithmetic operation the input image or the decoded image to be subjected to the special effect processing, based on the decoded mask data and the decoded motion parameter.

10. A method of displaying the special effect according to Claim 9, wherein said coded data further include the warping image information indicating the type of the image to be warped, and said arithmetic operation is performed based on said warping image information.

11. A method of special effect processing according to Claim 9, wherein said arithmetic operation performed for the input image or the decoded image to be subjected to the special effect processing includes the process for warping the mask data based on the motion parameter.

12. A method of special effect processing according to Claim 9, wherein said arithmetic operation performed for the input image or the decoded image to be subjected to the special effect processing includes the process for warping a input image or a decoded

image based on the motion parameter.

13. A method of special effect processing according to Claim 9, wherein said arithmetic operation performed for the input image or the decoded image to be subjected to the special effect processing includes the process for warping an image composited from two input images or two decoded images to be subjected to the special effect processing, based on the motion parameter.

14. A method of editing the special effect data, wherein the coded data of the motion pattern for warping an image are added to the coded video data in store.

15. A method of editing the special effect data according to Claim 14, further comprising the step of compositing the coded data of the information indicating whether the image warped based on the motion pattern is a reconstructed image before display or a reference image for motion compensation.